



PATENT
Attorney Docket No.: A-71619/TAL/DSS
Attorney File No.: 465840-00496

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

TESI et al.

Serial No. 10/653,012

Filing Date: August 28, 2003

For: *Methods and Compositions for
Inducing Stable Immune Tolerance*

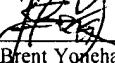
Examiner: Not Yet Assigned

Group Art Unit: 1645

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Dated: March 23, 2004

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Brent Yonchera

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In satisfaction of the duty of disclosure under 37 C.F.R. § 1.56, and in accordance with the provisions of 37 C.F.R. §§ 1.97 and 1.98, Applicants wish to draw the attention of the U.S. Patent and Trademark Office to the references cited on the accompanying form PTO/SB/8A. In accordance with 1273 Off. Gaz. Pat. Off. 1, 8/5/2003, no copies of U.S. patents and U.S. published applications are enclosed. Copies of all other references are enclosed.

None of the foregoing references are believed to disclose the invention as claimed. Nothing herein shall constitute an admission concerning the contents of any of the cited references, nor shall the inclusion of a reference herein be considered an admission that the reference constitutes prior art against the invention claimed in the above-identified application.

Serial No.: 10/653,012
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Submission of the present document shall not be construed as an admission that a search has been made or that better art does not exist.

As far as is known to the undersigned, this Information Disclosure Statement is being filed within three months of the filing date of a national application, within three months of the date of entry of the national state in an international application, or before the mailing date of a first Office Action on the merits as set forth in 37 C.F.R. § 1.97(b), and therefore no fee is required.

While no further fee is believed to be due, if this belief is in error, the Commissioner is authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2319 (Our Order No. 465840-00496 (A-71619/TAL/DSS)).

Respectfully submitted,

DORSEY & WHITNEY LLP

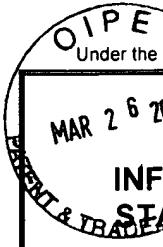
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By:


~~Todd A. Lorenz, Reg. No. 39,754~~

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/653,012
Filing Date	August 28, 2003
First Named Inventor	TESI, Raymond J.
Group Art Unit	1645
Examiner Name	Not Yet Assigned

Sheet 1 of 3 Attorney Docket Number A-71619/TAL/DSS (465840-496)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	5,135,934	08-04-1992	Behrens et al.	
	A2	5,167,956	12-01-1992	Neville et al.	
	A3	5,204,329	04-30-1993	Ackerman et al.	
	A4	5,428,040	06-27-1995	Magolda et al.	
	A5	5,476,870	12-19-1995	Renault et al.	
	A6	5,523,408	06-04-1996	Batt et al.	
	A7	5,637,613	06-10-1997	Renault et al.	
	A8	5,725,857	03-10-1998	Neville et al.	
	A9	5,733,928	03-31-1998	Lebreton et al.	
	A10	5,762,927	06-09-1998	Knechtle et al.	
	A11	5,856,487	01-05-1999	Upadhyay et al.	
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	A13	5,916,910	06-29-1999	Lai	
	A14	6,093,743	07-25-2000	Lai et al.	
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	A18	6,245,781	06-12-2001	Upadhyay et al.	
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	A22	6,645,970	11-11-2003	Albert et al.	
	A23	6,649,591	11-18-2003	Lai	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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M A R 2 6 2004				Application Number	10/653,012
				Filing Date	August 28, 2003
				First Named Inventor	TESI, Raymond J.
				Group Art Unit	1645
				Examiner Name	Not Yet Assigned
Sheet	2	of	3	Attorney Docket Number	A-71619/TAL/DSS (465840-496)

NON PATENT LITERATURE DOCUMENTS

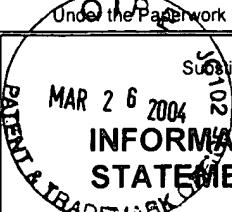
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	C1	BANCHEREAU, J., et al., "Dendritic cells and the control of immunity," <i>Nature</i> 392(6673):245-252 (Mar. 1998).	
	C2	BUTTURINI, A., et al., "T cell depletion in bone marrow transplantation," <i>Bone Marrow Transplant.</i> 3(3):185-192 (May 1988).	
	C3	CHIFFOLEAU, E., et al., "Role for thymic and splenic regulatory CD4+ T cells induced by donor dendritic cells in allograft tolerance by LF15-0195 treatment," <i>J. Immunol.</i> 168(10):5058-5069 (May 2002).	
	C4	CONTRERAS, J.L., et al., "Peritransplant tolerance induction with anti-CD3-immunotoxin: a matter of proinflammatory cytokine control," <i>Transplantation</i> 65(9):1159-1169 (May 1998).	
	C5	GHANEKAR, A., et al., "Treatment with rabbit antithymocyte serum permits a cyclophosphamide-free approach to prevention of hDAF transgenic porcine kidney xenograft rejection in baboons," <i>Transplant Proc.</i> 33(7-8):3849-3850 (Nov.-Dec. 2001).	
	C6	HARIHARAN, S., et al., "Improved graft survival after renal transplantation in the United States, 1988 to 1996," <i>New Eng. J. Med.</i> 342(9):606-612 (Mar. 2000).	
	C7	HAYAMIZU, K., et al., "Donor cells that facilitate tolerance to rat heart allografts after posttransplant total lymphoid irradiation and rabbit anti-thymocyte globulin," <i>Transplant Proc.</i> 31(3B Suppl):25S-26S (May 1999).	
	C8	HUBBARD, W.J., et al., "Phenotypic and functional analysis of T-cell recovery after anti-CD3 immunotoxin treatment for tolerance induction in rhesus macaques," <i>Hum. Immunol.</i> 62(5):479-487 (May 2001).	
	C9	KIRK, A.D., "Transplantation tolerance: a look at the nonhuman primate literature in the light of modern tolerance theories," <i>Crit. Rev. Immunol.</i> 19(5-6):349-388 (1999).	
	C10	KNECHTLE, S.J., et al., "Inducing unresponsiveness by the use of anti-CD3 immunotoxin, CTLA4-Ig, and anti-CD40 ligands," <i>Transplant Proc.</i> 31(3B Suppl):27S-28S (Nov.-Dec. 1999).	
	C11	LI, Y., et al., "Blocking both signal 1 and signal 2 of T-cell activation prevents apoptosis of alloreactive T cells and induction of peripheral allograft tolerance," <i>Nat. Med.</i> 5(11):1298-1302 (Nov. 1999).	
	C12	LIBBY, P., et al., "Chronic rejection," <i>Immunity</i> 14(4):387-397 (Apr. 2001).	
	C13	NEUHAUS, P., et al., "mTOR inhibitors: an overview," <i>Liver Transplant.</i> 7(6):473-484 (Jun. 2001).	
	C14	NEVILLE, D., et al., "A new reagent for the induction of T-cell depletion, anti-CD3-CRM9," <i>J. Immunother. Emphasis Tumor Immunol.</i> 19(2):85-92 (Mar. 1996).	
	C15	ODAKA, C., et al., "Immunosuppressant deoxyspergualin induces apoptic cell death in dividing cells," <i>Immunology</i> 95(3):370-376 (Nov. 1998).	
	C16	THOMAS, F.T., et al., "15-Deoxyspergualin: a novel immunosuppressive drug with clinical potential," <i>Ann. NY Acad. Sci.</i> 685:175-192 (Jun. 1993).	
	C17	THOMAS, J.M., et al., "Peritransplant tolerance induction in macaques: early events reflecting the unique synergy between immunotoxin and deoxyspergualin," <i>Transplantation</i> 68(11):1660-1673 (Dec. 1999).	
	C18	THOMAS, J.M., et al., "STEALTH matters: a novel paradigm of durable primate allograft tolerance," <i>Immunol. Rev.</i> 183:223-233 (Oct. 2001).	
	C19	THOMAS, J.M., et al., "Successful reversal of streptozotocin-induced diabetes with stable allogeneic islet function in a preclinical model of type 1 diabetes," <i>Diabetes</i> 50(6):1227-1236 (Jun. 2001).	

Examiner Signature	Date Considered

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				Filing Date	August 28, 2003
				First Named Inventor	TESI, Raymond J.
				Group Art Unit	1645
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	C20	UMEZAWA, H., et al., "Suppression of tissue graft rejection by squalin," <i>J. Antibiot. (Tokyo)</i> 38(2):283-284 (Feb. 1985).	
	C21	WELLS, A., et al., "Requirement for T-cell apoptosis in the induction of peripheral transplantation tolerance," <i>Nat. Med.</i> 5(11):1303-1307 (Nov. 1999).	
	C22	WU, G., et al., "Effect of plasma exchange in combination with deoxysqualin on the survival of guinea-pig hearts in macrophage-depleted C6-deficient rats," <i>Xenotransplantation</i> 10(3):214-222 (May 2003).	

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